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FIG. 1A

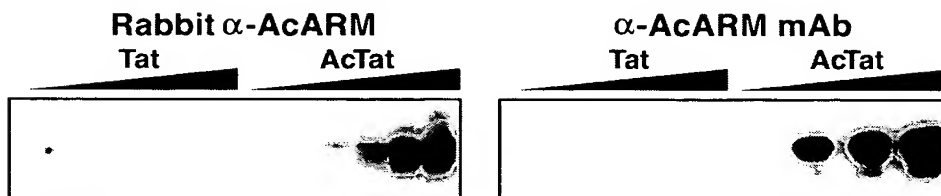
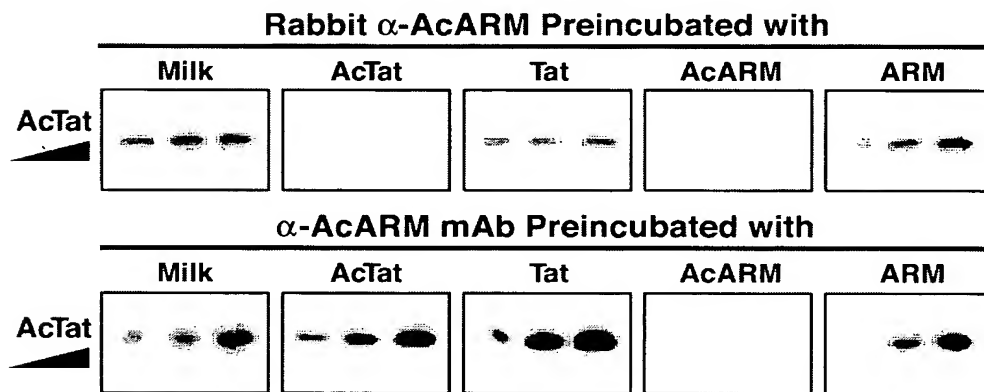


FIG. 1B



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FIG. 1C

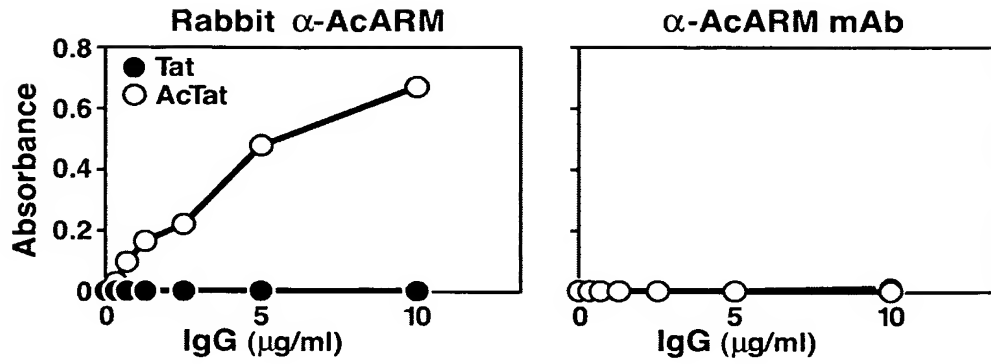


FIG. 1D

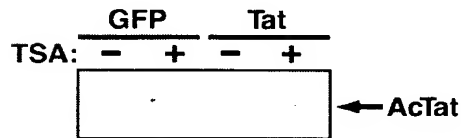


FIG. 1E

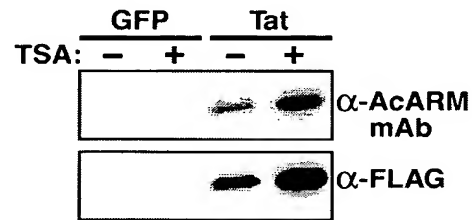
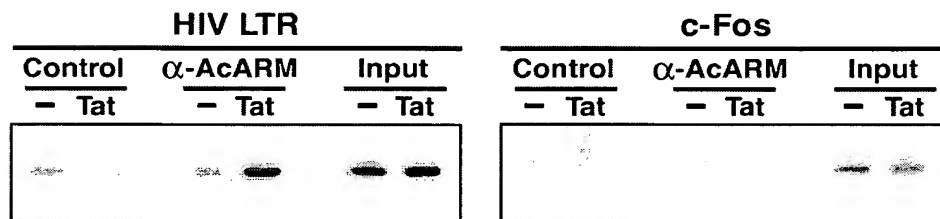


FIG. 1F



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FIG. 2A

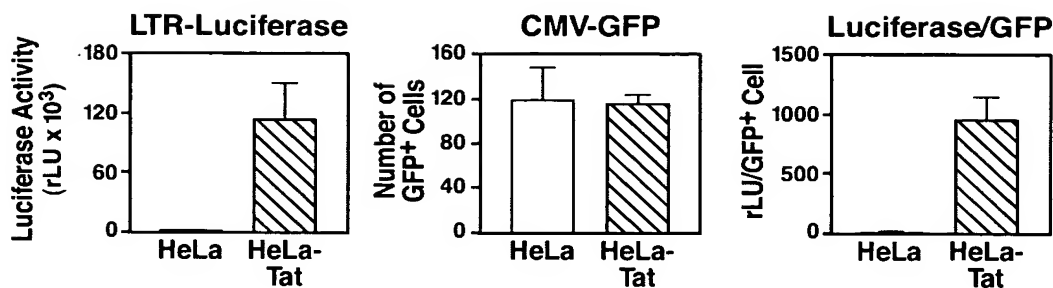
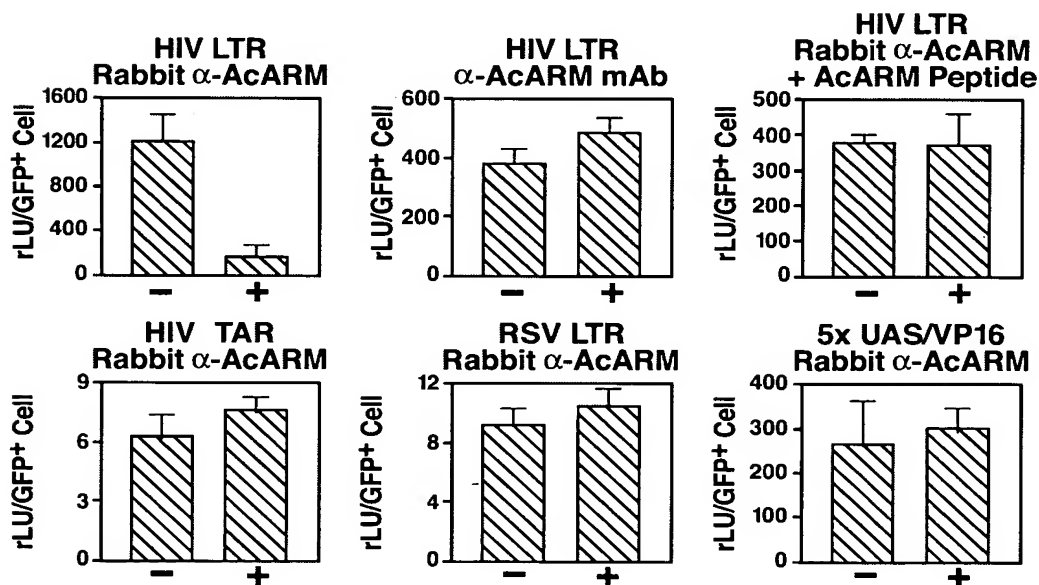


FIG. 2B



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FIG. 3A

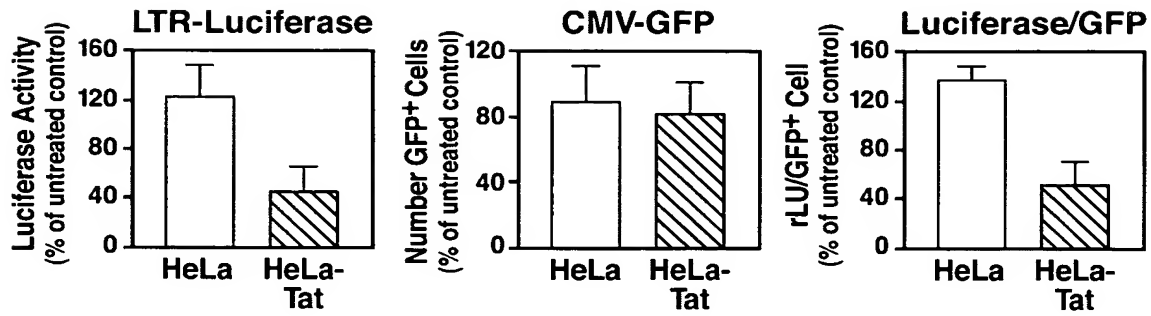
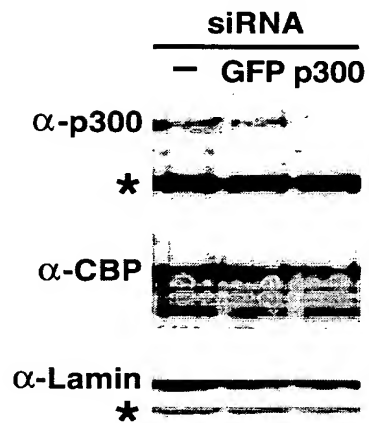


FIG. 3B



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FIG. 3C

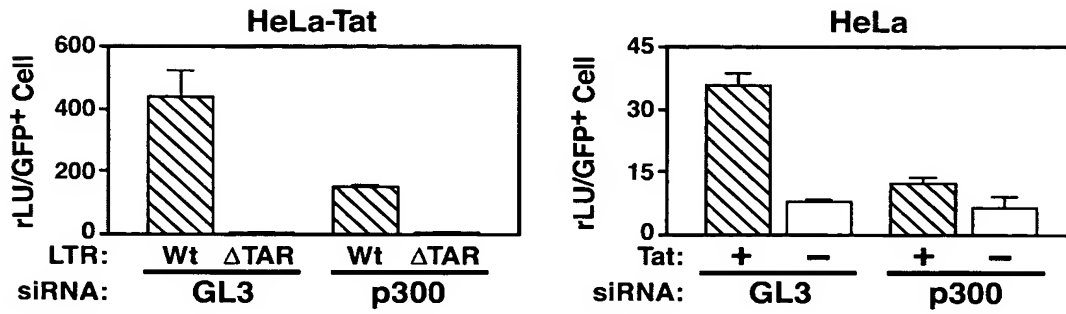


FIG. 3D

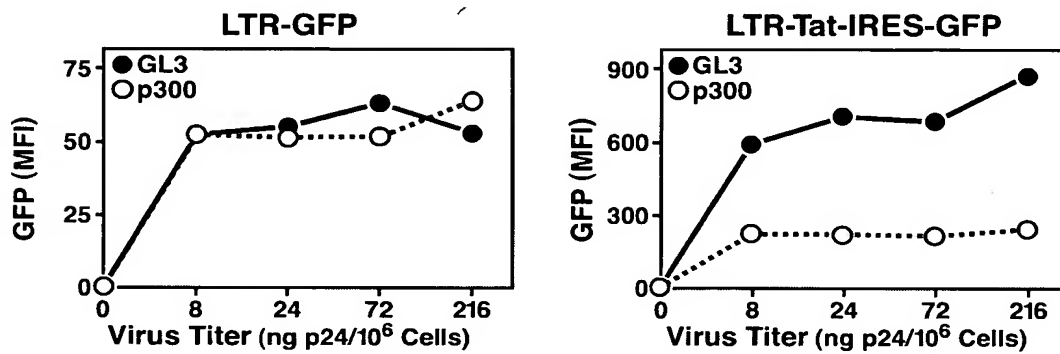


FIG. 5A

Tat alignment

	(1)	1	10	20	30	40	50
AAL29460	(1)	MEPVDPRLEPWKH	PGSQPKTACTN	CYCKKCCFHC	QVCFITKAL	GISYGRK	
P04606	(1)	MEPVDPRLEPWKH	PGSQPKTACTN	CYCKKCCFHC	QVCFITKAL	GISYGRK	
P04326	(1)	MEPVDPRLEPWKH	PGSQPKTACTN	CYCKKCCFHC	QVCFITKAL	GISYGRK	
P04607	(1)	MEPVDPRLEPWKH	PGSQPKTACTN	CYCKKCCFHC	QVCFITKAL	GISYGRK	
P04610	(1)	MEPVDPRLEPWKH	PGSQPKTACTT	CYCKKCCFHC	QVCFTTKAL	GISYGRK	
P05908	(1)	MEPVDPRLEPWKH	PGSQPKTACNN	CYCKKCCYHC	QVCFLT	TKGLGISYGRK	
P04608	(1)	MEPVDPRLEPWKH	PGSQPKTACTN	CYCKKCCFHC	QVCFITKAL	GISYGRK	
P05907	(1)	MEPVDPRLEPWKH	PGSQPKTACTN	CYCKKCCFHC	QVCFTKKAL	GISYGRK	
P19552	(1)	MEPVDPNLEPWKH	PGSQPR	TACTN	CYCKKCCFHC	QVCFITKGLGISYGRK	
P04609	(1)	MDPVDPNLEPWNH	PGSQPKTACNR	CHCKKCCYHC	QVCFITKGLGISYGRK		
P12506	(1)	MDPVDPNLEPWNH	PGSQPKTACNR	CHCKKCCYHC	QVCFITKGLGISYGRK		
P04611	(1)	MDPVDPNLEPWNH	PGSQPRTPCN	KCHCKKCCYHC	QVPCFLNKGLGISYGRK		
P18804	(1)	MDPVDPNLESWNH	PGSQPR	TACN	KCHCKKCCYHC	QVCFITKGLGISYGRK	
P04613	(1)	MDPVDPNLEPWNH	PGSQPRTPCN	KCYCKKCCYHC	QMCFITKGLGISYGRK		
P24738	(1)	MEPVDPNLEPWKH	PGSQPTTACS	NCYCKVCCWHC	QLCFLKKGLGISYGKK		
P04614	(1)	MEPVDPNLEPWKH	PGSQPR	TACNN	CYCKKCCFHC	YACFTRKGLGISYGRK	
P35965	(1)	MEPVDPNLEPWKH	PGSQPR	TACNN	CYCKKCCFHC	QVCFTKKGLGISYGRK	
P20893	(1)	MEPVDPRLEPWKH	PGSQPKTASN	NCYCKRCC	LHCQVCFTKKGLGISYGRK		
P04612	(1)	MEPVDPRLEPWKH	PGSQPKTACTT	CYCKKCCFHC	QVCFITKALGISYGRK		
P05905	(1)	MEPVDPRLEPWKH	PGSQPKTACTT	CYCKKCCFHC	QVCFTTKALGISYGRK		
P05906	(1)	MDPVDPRLEPWKH	PGSQPKAACT	SCYCKKCCFHC	QVCFTTKGLGISYGRK		
P19553	(1)	MEPVDPRLEPWKH	PGSQPKTACTN	CYCKKCCFHC	QVCFITKGLGISYGRK		
P20879	(1)	MEPVDPSLEPWKH	PGSQPKTACTN	CYCKKCC	LHCQVCFTTKGLGISYGRK		
Consensus	(1)	MEPVDPRLEPWKH	PGSQPKTACTN	CYCKKCCFHC	QVCFITKALGISYGRK		

FIG. 5B

60	70	83	84	90	103
KRRQRRRPPQGSQTHQVSLSKQPTSQSRG-DPT		DPT	GPKE	SKKVERETETDPFD-	(SEQ ID NO: 42)
KRRQRRRPPQGSQTHQVSLSKQPTSQSRG-DPT		DPT	GPKE	- - - - -	(SEQ ID NO: 43)
KRRQRRRAPQGSQTHQVSLSKQPTSQSRG-DPT		DPT	GPKE	- - - - -	(SEQ ID NO: 44)
KRRQRRRPPQGSQTHQVSLSKQPTSQPRG-DPT		DPT	GPKE	- - - - -	(SEQ ID NO: 45)
KRRQRRRPPQGSQTHQVSLSKQPTSQPRG-DPT		DPT	GPKE	- - - - -	(SEQ ID NO: 46)
KRRQRRGPPQGSQTHQVSLSKQPTSQPRG-DPT		DPT	GPKE	SKKVERETETDPAVQ	(SEQ ID NO: 47)
KRRQRRRAHQNSQTHQASLSKQPTSQPRG-DPT		DPT	GPKE	- - - - -	(SEQ ID NO: 48)
KRRQRRRAHQDSQNHQASLSKQPSSTRG-DPT		DPT	GPKE	PKKEVEREAETDPLD-	(SEQ ID NO: 49)
KRRQRRQAPDSSQNHQDLSKQPSSTRG-DPT		DPT	GPKE	SKKVERETETDPLD-	(SEQ ID NO: 50)
KRRQRRRPSQGGQTHQDPIPKQPSSTRG-NPT		NPT	GPKE	- - - - -	(SEQ ID NO: 51)
KRRQRRRPSQGGQTHQDPIPKQPSSTRG-DPT		DPT	GPKE	- - - - -	(SEQ ID NO: 52)
KRRQRRRGPPQGAHQVPIPKQPSSTRG-DPT		DPT	GPKE	QKKVSEAEETDP - -	(SEQ ID NO: 53)
KRRQRRRKPPQGDQAHQVPIPEQPSSTRG-DPT		DPT	GPKE	- - - - -	(SEQ ID NO: 54)
KRRQRRRPPQGNQAHQDPLPEQPSSTRGDHP		DPT	GPKE	- - - - -	(SEQ ID NO: 55)
KRRKPRRGPPQGSKDHTLIPKQPLPQSQR-VSA		VSA	QEE	SKKVESKAKTDRFA-	(SEQ ID NO: 56)
KRRQRRRAPQDSQTHQASLSKQPASQSRG-DPT		DPT	GPT	SKKVERETETDPPFD-	(SEQ ID NO: 57)
KRRQRRRPPQDSQTHQSSLSKQPTSQLRG-DPT		DPT	GPT	SKKVERETETDPVH-	(SEQ ID NO: 58)
KRRQRRRAPQDSKTHQVSLSKQPASQPRG-DPT		DPT	GPKE	SKKVERETETDPED-	(SEQ ID NO: 59)
KRRQRRRA - - - - -		- - - - -	- - - - -	- - - - -	(SEQ ID NO: 60)
KRRQRRRAPEDSQTHQVSLPKQPAQFRG-DPT		DPT	GPKE	SKKVERETETHPVD-	(SEQ ID NO: 61)
KRRQRRRAPQDSQTHQVSLPKQPASQARG-DPT		DPT	GPKE	SKKVERETETDPVD-	(SEQ ID NO: 62)
KRRQRRRAPDSEVHQVSLPKQPASQPG-DPT		DPT	GPKE	SKKVERETETDPVH-	(SEQ ID NO: 63)
KRRQRRRPPQDSQTHQVSLPKQPSSTQQRG-DPT		DPT	GPKE	SKKVERETETDPPDN-	(SEQ ID NO: 64)
KRRQRRRPPQGSQTHQVSLSKQPTSQSRG-DPT		DPT	GPKE	SKKVERETETDPPFD	(SEQ ID NO: 65)